Engagement is on the Rise.

Members | Partners | Industry
As we pass the mid-point of 2023, we are seeing more engagement than ever with our members, partners and other industries. The results of this engagement are valuable conversations, changes and increased awareness of our industry.

The LPI continues to focus on education. From educational webinars for architects, engineers and design-build firms to educating the general public on the importance of lightning safety and lightning protection. We continue to see unnecessary loss of life, property and enormous business downtime from lightning strikes. With the extreme heat this summer, we have seen many large thunderstorms all across the country. This has put a strain on critical facilities. Are the critical facilities in your communities protected?

In speaking to many LPI Members, we are continuing to see substantial growth with many contractors confirming a backlog of work. With this growth, the industry is seeing new challenges and opportunities. The increase of solar arrays, windmills and electric vehicle charging facilities will require both companies and contractors to seek new approaches and skills in the market.

The LPI is committed to you and our industry. Please continue to share your feedback and ideas.

Tim Harger, Executive Director

Membership

The input and support from Members has led to new resources, changes and community involvement. Here are a few examples of engagement that are driving momentum:

Social Media is driving readers to “Find a Contractor”
Awards recognizing collaboration within the industry
Featured Members bringing recognition to Members & lightning protection systems
Emails/Social Media bringing recognition to our Members & Partners
Personal engagement with emails and phone calls
Partnerships
Generating awareness, sharing resources and finding ways to educate each other... Making lightning protection systems *Top of Mind.*

A great example of partnership by gaining insight and sharing best practices - We continue to find ways to support each other. Currently, IIBEC Members can receive continuing education credits by enrolling in the LPI’s Webinar located on IIBEC’s learning platform.

Here is where and how often the LPI and our industry are getting exposure with AIA:
- 1869 Circle: Website All Year & Recognition at Every Event
- Third Thursday Sponsor - Every Month
- Print Ad: April & December Awards
- eNewsletter - April & August
- Design Night Sponsor
- Chicago Annual Meeting Sponsor

**Triple I: Predict and Prevent**
**LPI: Be Prepared. Be Protected.**

The LPI is aligned with Triple I’s message to minimize damage and business interruption. The Triple I encourages insurers to help homeowners and businesses find ways to predict their risks so they can prevent unnecessary damages and downtime.

You will see involvement in several initiatives that will support the goals of both the insurance industry and the growth of the lightning protection industry.

- Executive Exchange: Impact/Importance to Businesses
- Small Business Week
- Lightning Safety Awareness Week
- Created 2 Videos: 5 Steps to a Lightning Protection System & Critical Facilities
- Upcoming Guest Blog: Assessment

"Insurers are moving toward *predicting and preventing* losses by advocating for resilience..."
Sean Kevelighan, CEO, Insurance Information Institute
Most Innovative Design Awards
Commercial New Structure

From historical structures to modern high rises, the design and implementation of a lightning protection system is a team effort. The LPI wants to recognize those individuals and firms who work with our LPI Members to successfully design and integrate lightning protection systems into commercial and residential structures.

The LPI Most innovative Design Awards provide an opportunity to showcase these partnerships, as well as emphasize the importance of early collaboration on projects to be successful.

Award winner:
Ryan Garren

Industry Partner Firm:
Feyen Zylstra

LPI Member:
Beth Weddle of Bonded Lightning Protection Systems, Ltd.

Location:
Nashville, TN

Lesley Paske, LPI Membership Benefits Manager and testing administrator, shares a question from the LPI Journeyman test: (Answer on Page 14)

Copper down conductor may never be:
A) placed under ground  B) fastened with copper fasteners
C) attached to aluminum flashing  D) placed within 6ft of an electrical ground
“This project was special in that we were working on renovations of a 100 year old Hotel with great historical value and history to the York Area. Many hours of design and lay-out to bring this building up to code and maintain the historical presents. It was truly a welcome challenge.” Jeff Swope

Whether it’s a new roof or a re-roof use “certified installers.” Find an LPI certified contractor near you: lightning.org/about/find-a-contractor/
NEW National Campaign 2023: Small Business Week

Bringing attention to “Assessment” with a National Partner

IIBEC Interface Magazine: Lightning Protection Systems: Coordinating with the Building Enclosure

BE Magazine: Designing to the Extremes

BE Magazine Blog: It’s Critical. Are the critical facilities protected from LIGHTNING?

Lightning Safety Awareness Week is a great example of engagement with our Members and Partners. By utilizing Partners, we were able to build awareness to a broader demographic. More Members “liked” and “shared” than ever before! And the power of partnerships was evident by teaming up with the Insurance Information Institute and National Lightning Safety Council to bring attention to Lightning Safety - so people can be prepared to protect themselves, their homes, businesses and communities.
Resources

are another opportunity to build awareness and provide support to others interested in the lightning protection industry.

The LPI provides several resources for our Members, Partners, Industries and Communities.

Specifications
Installations
Certifications
Inspections
Education

SPECIFICATIONS

for our Members and the Design/Build Community.

Canadian SPECIFICATIONS now Available

Lightning Protection System Specification, Template with Usage Notes

Lightning Protection System Specification, Delegated Design

*Submitted by LPI Member, Simon Larter Dobbyn Lightning Protection

Find these and other Specs at: https://lightning.org/specs-and-tools/

WEBINAR
Get Your CE Credits!

Lightning Protection Systems

June 21, 2023

Architects
Engineers
Building Enclosure
Consultants

Learn the basics on the components and the process.

AIA Approved Continuing Education

This webinar is a great starting point for understanding lightning protection systems for Architects, Engineers, Building Enclosure Consultants and anyone who wants to learn the basics of a lightning protection system: the components and the process for installation.

Participants could earn AIA & IIBEC Continuing Education Credits!


Find a Local Contractor

Access local LPI Members and LPI Certified Contractors for questions or to start an installation process.

https://lightning.org/about/find-a-contractor/
SLS continues to amaze us with their work at NASA as well as other locations to solve complicated lightning protection solutions. They have successfully worked with over a dozen LPI Members. By working together, SLS and LPI Members can complement each other’s work to bring a complete solution.

In addition to their proven experience solving many of the most complex lightning protection challenges, SLS has access to the world's only live lightning testing facility with proprietary analysis, design software and monitoring technologies.

Scientific Lightning Solutions has not encountered a complex problem/project that they can’t solve!

For Articles, Case Studies, and Research visit the LPI Website.
https://lightning.org/technical/

This page provides information for the beginner to the expert in lightning protection systems. From the basics on system components, to articles, to white papers, you will find it here!
We often find ourselves educating others on the impact of lightning and the value of a lightning protection system. Our ability to educate others is based on our own knowledge. Educating ourselves is just as important!

The LPI will continue to add new articles and research to the website that can expand your current knowledge...so we can continue to provide valid data and information to support our efforts in the lightning protection industry.

*Abstract*

This report examines lightning fatality data from 2006 to 2022. Distinct patterns emerged in the fatality statistics in terms of the age, gender, and activity of the victims. The majority of victims were male aged 10 to 60. About two thirds of the victims were enjoying outdoor leisure activities prior to being struck, with water-related activities topping the list. Of the water-related activities, fishing ranked highest with boating and beach activities also significantly contributing to the water-related deaths. Among the sports activities, soccer and golf ranked highest, followed by running. Males dominated every category and sub-category of age and activity examined.

We can use this data to educate ourselves and those in our communities.

John Jensenius provides us with a detailed analysis of personal injuries due to lightning strikes.

Find article here: https://lightning.org/technical/

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**Lightning Fatalities By Age and Gender**

Based on 465 cases from 2006 through 2022

John Jensenius served as a Meteorologist with the National Weather Service for more than 41 years. John has tracked and documented about 400 fatal lightning incidents in the U.S. since 2006; he has studied these incidents to try to find ways to reduce the number of future fatalities.

For his work in lightning safety, John was honored with the National Weather Association’s 2005 Public Education Award. In 2006, in recognition of his contributions to the NOAA lightning safety initiative, John was awarded a Department of Commerce Silver Medal, the Department’s second highest honor.
Many Members requested a brochure that walks through the basics of a lightning protection system.

Download to email or add to your website.

LPI MEMBERS
This brochure can be customized with your project pictures and company logo.

For custom or print files, contact Kelley Collins at kcollins@lightning.org.

The Power of Lightning.
There can be over 100 lightning strikes per second - reaching temperatures hotter than the surface of the sun. One lightning strike can stop it all: emails, production lines, business transactions or first responders’ ability to respond.

The Covid era is finally over – and the LSA presentations are back in action! Jennifer Morgan recently trained a new group of people to be certified to present the LSA 101. This program provides LPI Members an educational tool and an opportunity to build relationships within your local architect and engineering firms. Contact Jennifer Morgan for details. jen@ecle.biz

RESOURCES
MEMBERS
Marketing Materials
Education
Sponsorships
Discounts
National Recognition
Featured Members

MARKETING Materials
We want to help LPI Members support their business and the industry. From everyday support, to educational tools, to marketing materials. Look for emails containing visuals and content to support national events.

It’s Critical. | Double Check | LSAW

Lightning Protection Systems

Biggest Threat
Lightning can cause more damage than floods, earthquakes, and hurricanes combined.

The lightning protection system is scientifically proven to mitigate risks.

How does the system work?
A lightning strike is intercepted by the strike termination device. The energy from the lightning strike is dispersed through the conductors and is directed to the grounding components to safeguard the structure and the electronic infrastructure.

1. Strike Termination Device
2. Conductors
3. Grounding
4. Potential Equalization
5. Surge Protection
6. Inspection/Certification by a 3rd party

For more details on lightning protection systems, personal safety, and resources, visit www.lightning.org.

The Lightning Protection Institute - Inspection Program is the most comprehensive 3rd party & accredited inspection program. www.lpI-ip.com

Lightning Protection Systems

LPI Members
This brochure can be customized with your project pictures and company logo.

For custom or print files, contact Kelley Collins at kcollins@lightning.org.
LPI Featured Members are placed on the homepage of the LPI website and are included in social media posts.

#Manufacturers #Installers #LightningProtection #BePrepared #BeProtected

Be a Featured Member!
For marketing details, contact Kelley Collins at kcollins@lightning.org.

RESOURCES
INDUSTRY ADVOCACY

Bringing the importance of protecting our homes, companies, and communities.

We use Featured Members as an opportunity to advocate for the use of lightning protection systems on homes to historic buildings.

Other initiatives enable us to heighten the awareness and need for lightning protection systems on critical facilities.

Core of Our Communities

Critical Facilities hold the core services that your community relies on for daily needs to emergency responses.

A lightning strike to any one of these buildings can cause an interruption of services or the inability to save lives.

Are the Critical Facilities in your Communities protected with lightning protection systems?

Get Access to Certifications and Testing

LPI Members receive discounted rates for testing and certification.
It's Critical.
National Exposure
Legislation
Community Involvement

National Exposure

Lightning Safety Awareness Week gave us the opportunity to bring the protection of critical facilities into the forefront.

Building Enclosure Magazine
Supported the LPI on social media
Gave us a Blog Spot on Critical Facilities

Read it here:

Triple I
Supported us on Social Media
Created a Critical Facility video & used on the Triple I homepage
& BE Magazine included it in the blog post

See it here:
https://youtu.be/a0icqElpMo
"It's Critical."
comes to life!

The LPI is an organization based on collaboration among members, partners, other industry experts, and the community. Several members have donated resources and time to protect critical facilities in our communities. Here is a look at two projects taking place in 2023.

Community Involvement

**Ft. Myers, FL | Fire Station**
Lightning Protection Systems, Inc.
Thompson Lightning Protection, Inc.

Above: Early coordination enabled the design and installation of an enclosed system. Copper conductors are run through the trusses.

Right: Copper conductors are roughed into the Training Tower deck area. Once this is completed, all they will see is the air terminals coming out from the top of the parapet walls.

**Wareham, MA | Resilient Home**
Commercial | HomeSafe Lightning Protection

This project is currently breaking ground. More Information Coming Soon!

Legislation

We are currently reviewing research and outlining a case to present to state and federal levels to create regulatory requirements for critical facilities in high risk areas.
We are seeing an increase in inspections for 2023 as well as gaining acceptance in other areas due to the new accreditation.

LIGHTNING PROTECTION INSTITUTE INSPECTION PROGRAM

The LPI-IP is the most comprehensive 3rd party inspection program for the lightning protection industry. This inspection program incorporates the national standards into a process that outperforms the others by requiring multiple checkpoints and photo verification.

Come join us on Linkedin!
We are sharing the "LPI-IP Advantage" as well as other important information about the inspection program.

Embrace the Standard. 
Start here
with our Inspection and Application page:
https://lpi-ip.com/inspections-applications/

Answer from Page 4: (C) attached to aluminum flashing

Or contact us at: info@LPI-IP.com
Engagement since the 2023 Conference is Record Breaking!

Stay Engaged!
Like // Share to Grow Our Industry!

What's Next?

- Most Innovative Design Awards PR Events
- LPI Board Of Directors Meeting: Chicago
- Double Check
- It's Critical Project Updates
- REGISTRATION for the 2024 Conference

More Webinars!
October & December

Member Sponsorships Available. Members will gain additional exposure within the Design/Build community.

- Share Your Suggestions & Ideas!
  lpi@lightning.org
  Tim Harger at tharger@lightning.org
  Kelley Collins at kcollins@lightning.org

Page views +118%
Reactions +87%
Reposts +433%
64 Reposts!

Lightning Protection Industry Conference
COME HEAR INDUSTRY LEADERS & EXPERTS
SHARE YOUR EXPERIENCES
February 20-22, 2024
The DeSoto | Savannah, GA
REGISTRATION OPENS SEPTEMBER 2023